

## Meetings

CORSA meets at 6:30 pm on the second Tuesday of each month at Otterbein University.

Otterbein University Physics Department  
Science Building Room 204  
155 W. Main Street  
Westerville, Ohio 43081

Check us out online at:

[www.centralohiorocketry.org](http://www.centralohiorocketry.org)

Or email us at:

[director@centralohiorocketry.org](mailto:director@centralohiorocketry.org)

## Launches

CORSA hosts a launch at Freedom Park in Sunbury on the third Saturday each month, weather permitting.

Bring your rocket and fly with us, or just stop by to watch! We'll have experienced rocketeers on hand to answer questions, offer guidance, and demonstrate safe rocketry.

We typically start flying at 11:00, and wrap up by about 2:00, but check our website for any schedule updates.



## Our Mission

Central Ohio Rocketry & Spacemodeling Alliance (CORSA) is a chartered section of the National Association of Rocketry organized to carry out the purpose, mission, and goals of the NAR on a regional level including:

- ✓ Promote the safe pursuit of rocketry and the NAR safety code.
- ✓ Promote the hobby of rocketry and modeling as well as encourage membership in the association.
- ✓ Support schools, non-profit youth organizations and citizens of central Ohio, promoting the educational and scientific purpose of rocketry applied to science, technology, engineering, and math (STEM).

## Join the NAR!

The National Association of Rocketry (NAR) is a scientific organization dedicated to consumer safety, youth education, and the advancement of technology in the hobby of spacemodeling (sport rocketry) in the United States. Founded in 1957, the NAR is the oldest and largest spacemodeling organization in the world with over 5900 members and 165 affiliated clubs across the U.S.

The NAR supports all aspects of safe consumer sport rocket flying, from small model rockets with youth groups to very large high power rockets with serious adult hobbyists. It is a recognized national authority for safety certification of consumer rocket motors and user certification of high- power rocket fliers in the U.S. It is the author of safety codes for the hobby that are recognized and accepted by manufacturers and public safety officials nationwide.

[www.nar.org/join-nar/](http://www.nar.org/join-nar/)

2018-05-04

## CORSA



# Central Ohio Rocketry and Spacemodeling Alliance

**NAR section #787**

[centralohiorocketry.com](http://centralohiorocketry.com)

**Smart Fun For Everyone!**

## How to Get Started in Hobby Rocketry

Getting started in rocketry as a hobby is inexpensive fun. Introductory level kits are easy to assemble, and are more fun and more rewarding than ready-to-fly rockets. As an individual hobby, or as family quality time, you can craft a real flying rocket that can fly *out of sight* and return safely to be flown again!

Many youth clubs and organizations have rocketry programs; CORSA can partner with your club to provide kit construction guidance and expertise.

Our launches are well-organized, with a special emphasis on safety.



## Alliances

CORSA has worked with various youth groups, including 4-H, Cub Scout troops, Civil Air Patrol, and library summer programs.

We lead build sessions, in which we help construct rocket kits, and offer our expertise to assure reliable, safe, and easy construction.

We teach rocketry theory, explaining the physics and fundamentals of rocketry at the level appropriate to our audience.

We organize and operate a safe and orderly launch, and help prepare the rockets for flight. We help select motors appropriate to the rocket, field, and conditions. We assist with repairs as needed, and engage our audience.

## Possibilities

Hobby rocketry can encompass a wide range of skills: craftsmanship, artistry, mathematics, engineering, and technology. Build a rocket that is a highly detailed scale model of a NASA spaceship, or one from science fiction. Construct a rocket of your own design. Make one that is sleek and aerodynamic that will fly over a thousand feet, or one that is big, dramatic, and slow. Fly a rocket that uses a parachute to return safely to earth, or one that glides back on wings. The possibilities are open to your imagination!

Rocketry is an inexpensive hobby to start. Kits are available for under \$10, and motors cost a few dollars per flight. Only simple tools and supplies are needed for construction. Launch equipment is inexpensive – and unneeded if you come fly at a CORSA launch!

Model rockets can carry payloads, such as digital cameras, or computerized altimeters. Modern electronic devices can be used as payloads for telemetry, tracking, or other uses.

Mid-power rockets are larger, faster, and capable of carrying larger payloads. High power rockets can be quite large, can achieve supersonic speeds, and can reach altitudes of tens of thousands of feet.

Join CORSA and explore rocketry with us!

